

Glu	Phe	Leu	Arg	Ser	Lys	Lys	Ser	Ser	Glu	Glu	Ile	Thr	Gln	Tyr	Ile
225					230				235						240
Gln	Ser	Tyr	Lys	Gly	Phe	Val	Asp	Ile	Thr	Gly	Glu	His	Phe	Val	Asn
				245					250						255
Ser	Trp	Val	Gln	Arg	Glu	Leu	Pro	Met	Ala	Ser	Ala	Tyr	Cys	Asn	Asp
				260				265							270
Ser	Ile	Phe	Ala	Tyr	Glu	Glu	Leu	Arg	Leu	Asp	Ser	Phe	Lys	Asp	Trp
				275				280							285
Pro	Arg	Glu	Ser	Ala	Val	Gly	Val	Ala	Ala	Leu	Ala	Lys	Ala	Gly	Leu
						295						300			
Phe	Tyr	Thr	Gly	Ile	Lys	Asp	Ile	Val	Gln	Cys	Phe	Ser	Cys	Gly	Gly
305					310					315					320
Cys	Leu	Glu	Lys	Trp	Gln	Glu	Gly	Asp	Asp	Pro	Leu	Asp	Asp	His	Thr
					325				330						335
Arg	Cys	Phe	Pro	Asn	Cys	Pro	Phe	Leu	Gln	Asn	Met	Lys	Ser	Ser	Ala
				340				345							350
Glu	Val	Thr	Pro	Asp	Leu	Gln	Ser	Arg	Gly	Glu	Leu	Cys	Glu	Leu	Leu
							360						365		
Glu	Thr	Thr	Ser	Glu	Ser	Asn	Leu	Glu	Asp	Ser	Ile	Ala	Val	Gly	Pro
						375						380			
Ile	Val	Pro	Glu	Met	Ala	Gln	Gly	Glu	Ala	Gln	Trp	Phe	Gln	Glu	Ala
385					390					395					400
Lys	Asn	Leu	Asn	Glu	Gln	Leu	Arg	Ala	Ala	Tyr	Thr	Ser	Ala	Ser	Phe
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Arg	His	Met	Ser	Leu	Leu	Asp	Ile	Ser	Ser	Asp	Leu	Ala	Thr	Asp	His
				420				425					430		
Leu	Leu	Gly	Cys	Asp	Leu	Ser	Ile	Ala	Ser	Lys	His	Ile	Ser	Lys	Pro
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Val	Gln	Glu	Pro	Leu	Val	Leu	Pro	Glu	Val	Phe	Gly	Asn	Leu	Asn	Ser
						455					460				
Val	Met	Cys	Val	Glu	Gly	Glu	Ala	Gly	Ser	Gly	Lys	Thr	Val	Leu	Leu
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Lys	Lys	Ile	Ala	Phe	Leu	Trp	Ala	Ser	Gly	Cys	Cys	Pro	Leu	Leu	Asn
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545					550					555					560
Gln	Val	Ile	Gly	Lys	Leu	Ile	Gln	Lys	Asn	His	Leu	Ser	Arg	Thr	Cys
					565				570						575
Leu	Leu	Ile	Ala	Val	Arg										

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Thr	Pro	Leu	Phe	Val	Ala	Ala	Ile	Cys	Ala	His	Trp	Phe	Gln	Tyr	Pro	645	650	655
Phe	Asp	Pro	Ser	Phe	Asp	Asp	Val	Ala	Val	Phe	Lys	Ser	Tyr	Met	Glu	660	665	670
Arg	Leu	Ser	Leu	Arg	Asn	Lys	Ala	Thr	Ala	Glu	Ile	Leu	Lys	Ala	Thr	675	680	685
Val	Ser	Ser	Cys	Gly	Glu	Leu	Ala	Leu	Lys	Gly	Phe	Phe	Ser	Cys	Cys	690	695	700
Phe	Glu	Phe	Asn	Asp	Asp	Leu	Ala	Glu	Ala	Gly	Val	Asp	Glu	Asp		705	710	715
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Arg	Pro	Phe	Tyr	Arg	Phe	Leu	Ser	Pro	Ala	Phe	Gln	Glu	Phe	Leu	Ala	740	745	750
Gly	Met	Arg	Leu	Ile	Glu	Leu	Leu	Asp	Ser	Asp	Arg	Gln	Glu	His	Gln	755	760	765
Asp	Leu	Gly	Leu	Tyr	His	Leu	Lys	Gln	Ile	Asn	Ser	Pro	Met	Met	Thr	770	775	780
Val	Ser	Ala	Tyr	Asn	Asn	Phe	Leu	Asn	Tyr	Val	Ser	Ser	Leu	Pro	Ser	785	790	795
Thr	Lys	Ala	Gly	Pro	Lys	Ile	Val	Ser	His	Leu	Leu	His	Leu	Val	Asp	805	810	815
Asn	Lys	Glu	Ser	Leu	Glu	Asn	Ile	Ser	Glu	Asn	Asp	Asp	Tyr	Leu	Lys	820	825	830
His	Gln	Pro	Glu	Ile	Ser	Leu	Gln	Met	Gln	Leu	Leu	Arg	Gly	Leu	Trp	835	840	845
Gln	Ile	Cys	Pro	Gln	Ala	Tyr	Phe	Ser	Met	Val	Ser	Glu	His	Leu	Leu	850	855	860
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Ser	Ala	Ser	Gln	Arg	Ile	Glu	Leu	His	Leu	Asn	His	Ser	Arg	Gly	Phe	1025	1030	1035
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09830338-01101

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